



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: HENDERSON PERMIT NO.: SWCD-45-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF		

Date of Site Inspection: 10/18/2012, 11/15/2012

Date of Last Inspection: 08/14/2012

FACILITY NAME AND ADDRESS:

Waste Stream Innovations (WSI)
4028 Haywood Road
Mills River, NC 28759

GPS COORDINATES: N: 35.374254 E: -82.544585

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Andrew Huske
Telephone: (828) 273-7585
Email address: huskeandrew@bellsouth.net ; wastestreaminnovations@gmail.com

FACILITY CONTACT ADDRESS:

290 Cashdon Drive
Mills River, NC 28759

PARTICIPANTS:

Andrea Keller – NCDENR Solid Waste Section
Andrew Huske – Facility Owner/Operator
Tony Gallagher – NCDENR SWS, Composting & Land Application Branch Supervisor (10/18/12)

STATUS OF PERMIT:

Active Demonstration Project – initiated April 23, 2010
Expired – April 23, 2012

PURPOSE OF SITE VISIT:

Partial – to discuss Closure Plan requirement

STATUS OF PAST NOTED VIOLATIONS: None

OBSERVED VIOLATIONS: None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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ADDITIONAL COMMENTS

1. On site to conduct partial site inspections and to discuss Closure Plan status. The Compost Demonstration approval expired on April 23, 2012. Issues remaining for the facility, as outlined in the Closure Plan document submitted to the Section on July 31, 2012, and as stated in the August 14, 2012 Inspection report:
 - a. *Completion of all composting within the next 3-4 months (of existing feedstocks: ~1000 cy plus material generated from the screening of the remaining greenhouse wastes, ~250 cy peat moss and plant waste, dairy manure ~600 cy);*
 - b. *Clearing and removal of all plastics (unscreened ~ 3000-4000 cy);*
 - c. *Grinding of all remaining land clearing and untreated wood pallets (~500 cy unground); and*
 - d. *Removal of all remaining materials.*

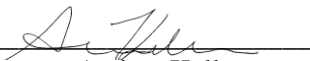
In addition to the processing and final removal of all waste currently stored on site at the facility, please note that the facility is due for a round of analytical, pathogen, and foreign matter testing.

During the November 15, 2012 site inspection the test requirements were discussed. Please comply with this requirement and send the results to the Section (andrea.keller@ncdenr.gov).

The original period (3-4 months) for completing all composting, removing all plastics, the grinding and removal of all remaining wood materials, and removal of all materials from the site will be reached shortly. Please submit, in writing, a status update to the Section (tony.gallagher@ncdenr.gov or larry.frost@ncdenr.gov) outlining the progress made toward completing the closure requirements. If the facility will not meet the closure plan deadline it is recommended that the facility submits documentation to the Section as to why closure has not been achieved and how the facility plans to become compliant with Section requirements.

2. The facility requested a one-time acceptance of dairy silage, to meet PFRP temperature requirements on existing composting windrows. Permission was granted and conditions for the one-time acceptance were outlined (letter dated August 30, 2012). The facility met the one-time acceptance requirements in that all dairy silage had been incorporated into the active composting process within the specified time frame.
3. During the previous site inspections it was noted that material, primarily the finished compost product, continued to be removed from the site. However, the plant vegetation and soils in containers which remain on site have not been screened or separated from the plastics. As this material may be difficult to compost (to Grade A requirements) at this point without further additional nitrogenous materials or supplements, please contact Tony Gallagher (919-707-8280) to further discuss the options available (Grade B compost, soil amendment, test requirements, etc.).

Please contact me if you have any questions or concerns regarding this inspection report.



Andrea Keller

Environmental Senior Specialist
Regional Representative

Phone: 828-296-4700

Mailed on: 12/12/12		Email: huskeandrew@bellsouth.net ; wastestreaminnovations@gmail.com			US Mail: 290 Cashdon Drive Mills River, NC 28759
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cc: Michael Scott, Section Chief – Solid Waste Section
Tony Gallagher, Compost and Land Application Branch Manager – Solid Waste Section
Jason Watkins, Western District Supervisor – Solid Waste Section
Larry Frost, Permit Engineer – Solid Waste Section
Jessica Montie, Compliance Officer – Solid Waste Section